

National Aeronautics and  
Space Administration

**Lyndon B. Johnson Space Center**  
2101 NASA Parkway  
Houston, Texas 77058-3696



August 6, 2010

Reply to Attn of: BT1-10-135

TO: All Prospective Offerors

FROM: BT/Contracting Officer, Exploration Systems Procurement Office

SUBJECT: Broad Agency Announcement (BAA) NNJ10345432K, Innovative Lunar Demonstrations Data (ILDD)

The National Aeronautics and Space Administration (NASA) Lyndon B. Johnson Space Center (JSC) is pleased to release the ILDD BAA.

This BAA solicits proposals for the purchase of data from small robotic lunar lander missions that will test specific capabilities and inform the development of human and robotic lander vehicles. It is anticipated that the BAA will result in multiple award, fixed price, Indefinite Delivery Indefinite Quantity (IDIQ) contracts. Selection and award is anticipated by October 2010. Upon award, all contractors awarded a contract will deliver a System Definition Review (SDR) package. This initial SDR package delivery constitutes the Government's minimum order under the contract and is valued at \$10 thousand. NASA may then invite all selected contractors to compete for the award of a series of IDIQ task orders for the specific data purchases within the scope of this contract. The maximum potential contract value of \$10,010,000 can be attained by contractors successfully competing for, and completing all IDIQ tasks.

Through this contract, NASA intends to leverage investments in robotic lunar lander systems made by non-NASA entities that plan to execute end-to-end lunar missions as early as 2012. NASA's intent is to obtain data and gather knowledge that reduces risks for future human and robotic lander designs, by employing these missions as unique demonstration testbeds.

This BAA is part of the Lunar Lander Project's ongoing activities to design and develop crew and cargo transportation capability to the lunar surface. These activities will be informed by the design knowledge and operational flight lessons learned from the contract deliverables, including data associated with system testing and integration, launch, in-space maneuvers and braking burns, lunar landing, and surface operations. NASA may also solicit data that provides insight to enhanced capabilities such as identification of hazards during approach, precision landing, and extended duration operations. In addition to the immediate benefits obtained from acquiring this lunar mission data, the ILDD contract scope represents advanced development work that also allows NASA to take incremental steps toward

enabling affordable and sustainable space exploration. Knowledge acquired from the data purchased under this contract will be applicable to the development of lander systems required to execute human and robotic missions to the Moon, Near Earth Objects, or other solar system destinations, and to conduct a variety of potential technology demonstration and science activities.

Effective immediately, all Offerors are requested to direct any future communications regarding this procurement in writing to the Contracting Officer, who is the official point of contact for the ILDD BAA, until the completion of the acquisition process. All Offerors should review the final BAA and submit written questions by 4:30 p.m. (Central Time), August 27, 2010. All questions related to this BAA shall be submitted in writing via e-mail to [timothy.a.boyes@nasa.gov](mailto:timothy.a.boyes@nasa.gov). All responses will be periodically posted to the NASA Acquisition Internet Service website as amendments.

Offerors are reminded that proposals submitted in response to this BAA are due no later than 4:30 p.m. (Central Time), on September 8, 2010.

All proposals in response to this BAA must be submitted electronically via e-mail to Tim Boyes, at [timothy.a.boyes@nasa.gov](mailto:timothy.a.boyes@nasa.gov), in Microsoft® Word and Microsoft® Excel formats.

The proposal submitted in response to this solicitation shall include the Offerors name and complete address, including street, city, county, state, and zip code. Additionally, proposals will provide telephone and fax numbers, and an e-mail address where the person responsible for the proposal can be contacted.

You are reminded to monitor the NASA Acquisition Internet Service website at <http://prod.nais.nasa.gov/>, for any changes to the schedule or posting of amendments to this BAA.

Thank you for your interest in the NASA ILDD BAA.

A handwritten signature in black ink, appearing to read "T. A. Boyes", with a stylized flourish at the end.

Tim A. Boyes

cc:

BT/C. C. Bell

BT/L. R. Phillips